

Director of Training  
1026 Chamber of Commerce Bldg. 3245

DDS

7D-18 Hqs.

A brief fill in on two courses which I think add importantly to an understanding of the problems of intelligence collection through human and scientific sources. A quick review of the course reports and particularly the student critiques will give you a somewhat independent view of these courses.

DDP

3C-34 Hqs.

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30 NOV 1971

**MEMORANDUM FOR: Deputy Director for Plans****SUBJECT : Office of Training Courses in Scientific and Technical Intelligence Collection**

1. I thought you would be interested in some specific information about two of OTR's courses which, in my opinion, are going a long way to facilitate interaction between, and promote the reciprocal interests of, the Clandestine Service and the Directorate for Science and Technology.

2. The first, the Clandestine Scientific and Technical Operations Course, is conducted primarily for CS officers charged with S&T information collection responsibilities. The course familiarizes them with CS operational approaches in this field, presents the Agency's organization for S&T requirements and collection, reveals informational gaps which exist, and provides instruction in the principles of nuclear power, guided missiles, and biological and chemical warfare.

3. The CS&T Operations Course was first conducted in May 1964 at the request of FE Division, largely for the benefit of FE officers concerned with [REDACTED] S&T developments. It has been conducted regularly twice a year for two weeks, mainly for FE Division, although enrollment of officers from other Divisions has been expanding consistently. In the most recent running which ended early this month, for example, there were two officers from FE, two from BUR, and one each from SR, AF, [REDACTED] and TSD.

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4. The Deputy Director for Science and Technology and many of his senior officers have given their wholehearted cooperation to this course since its inception. Dr. Donald Chamberlain, Director of the Office of Scientific Intelligence; his Deputy, [REDACTED] Director of the Office of ELINT; [REDACTED] Deputy Director of the Foreign Missile and Space Analysis Center, several of their division and branch chiefs, and Mr. Duckett himself, have devoted sizeable amounts of their time and personal energies to this course in all its aspects despite

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heavy work schedules. As a result, they profess to have developed a considerable sensitivity to the needs of CS operations officers and their problems in this field.

5. For their part, the FE Division officers who participate in the course also have maintained the highest professional standards in their presentations with the result that students have reacted most favorably to the course, finding it "informative", "useful", and "interesting".

6. The second course, the Special Clandestine Services Orientation Course for DDS&T, is an outgrowth of the first. In June 1967, the Director of the Office of Scientific Intelligence, Dr. Donald Chamberlain, requested a course to acquaint OSI analysts with the problems of scientific and technical intelligence collection, in order that they might gain a better understanding of the difficulties encountered in using human assets, hence enabling OSI to formulate more realistic requirements.

25X1A 7. The resulting one week course, given twice yearly, is presented [REDACTED] using both CS and OTR resources. The focus of this course is on operational problems, with case history illustrations, and [REDACTED] as an operational target which poses problems common to the CS and DDS&T.

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8. The course has been so well received that since 1968 it has been integrated with and become an essential part of the five-month DDS&T Career Development Course. Students from the DDS&T who have taken this course have ranked in grade from GS-10 to GS-17. Some typical comments follow:

"Attendance should be a must for all DDS&T professional employees who have not been exposed to a course in DDP capabilities and limitations in the collection of scientific and technical intelligence."

"This course appeared to be one of the initial steps to bridging the gap between the Clandestine Service and DDS&T. This better understanding of DDP's capabilities and problems should enable the analyst to write more meaningful requirements in order to facilitate the collection effort."

**"The benefit derived from the course is an overall but fairly comprehensive summary of both clandestine activities and their mechanisms of operation. This knowledge is particularly useful in the formulation of requirements which are practical and thereby stand a good chance of fulfillment."**

9. These two courses have done much to promote understanding of the problems which the Directorates must contend with mutually and have contributed to better understanding and more effective cooperation between them. In many respects, they epitomize the team relationship which the Agency needs among its components given the rapidity of change in world conditions and in challenges to the intelligence profession. I hope that after you have had a chance to review the enclosed materials pertaining to these courses, you will share my belief in their essential usefulness.

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**Director of Training**

**Attachments:**

**3 Course Reports (return to OTR)**

**Distribution:**

- 0 & 1 - adse (w/atts)
- 2 - DTR (w/o atts)
- 1 - C/OS (w/o atts)

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OTR [redacted] kdc (24 Nov 71)